

SECTION 665
MILLED RUMBLE STRIPS ON ASPHALT CONCRETE
SHOULDERS

665-1 DESCRIPTION

Construct rumble strips on asphalt concrete shoulders in accordance with the plans and as directed by the Engineer. Work includes, but is not limited to, furnishing all labor, equipment and all incidentals necessary to complete the work satisfactorily and disposing of milled material.

665-2 EQUIPMENT

Provide equipment consisting of a rotary-type cutting head with an outside diameter of no more than 24" and at least 16" long. Provide a cutting head that has the cutting tips arranged to provide a relatively smooth cut. Provide a cutting head on its own independent suspension from that of the power unit to allow the tool to self align with the slope of the shoulder or any irregularities in the shoulder surface.

Provide a cutting tool equipped with guides to provide consistent alignment of each cut in relation to the roadway and to provide uniformity and consistency throughout the project.

665-3 CONSTRUCTION METHODS

Demonstrate the ability to achieve desired surface inside each depression without tearing or snagging the asphalt before beginning the work.

Provide rumble strips that have finished dimensions of 7" \pm 1/2" wide in the direction of travel and are at least 16" long measured perpendicular to the direction of travel. Provide rumble strips having depressions with a concave circular shape with a minimum 1/2" depth at center (no more than an allowable depth 5/8"). Place rumble strips in relation to the roadway according to the patterns shown in the plans.

Material resulting from the operation becomes the property of the Contractor. Remove and dispose of this material in accordance with Section 802.

At the end of each working day remove all equipment to a location where it does not present a traffic hazard, clean pavement and reopen work area to traffic.

665-4 MEASUREMENT AND PAYMENT

Milled Rumble Strips (Asphalt Concrete) will be measured and paid at the contract unit price per linear foot for the actual number of linear feet of shoulder, measured longitudinally along the surface of each shoulder, where rumble strips have been constructed.

Payment will be made under:

Pay Item

Milled Rumble Strips (Asphalt Concrete)

Pay Unit

Linear Foot